

anti-Human STAT4 Monoclonal Antibody | anti-STAT4 antibody

STAT4 Rabbit mAb

CATALOG # AAA314575	HOST Recombinant Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

STAT4; Monoclonal Antibody; STAT4 Rabbit mAb; SLEB11; anti-STAT4 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	S02-1C1
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-STAT4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human STAT4
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of STAT4 in paraffin-embedded Human lung cancer tissue using STAT4 Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of STAT4 in HeLa, A549 cell lysates using STAT4 Rabbit mAb(1:1000 diluted). Predicted band size: 86kDa. Observed band size: 86kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT4 antibody

The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is essential for mediating responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells. Mutations in this gene may be associated with systemic lupus erythematosus and rheumatoid arthritis. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2011]

Product Categories/Family for anti-STAT4 antibody

Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	345110660
NCBI GeneID	6775
NCBI Accession #	NP_001230764.1
NCBI GenBank Nucleotide #	NM_001243835.1
UniProt Accession #	Q14765; Q96NZ6
Molecular Weight	85,941 Da
NCBI Official Full Name	signal transducer and activator of transcription 4
NCBI Official Synonym Full Names	signal transducer and activator of transcription 4
NCBI Official Symbol	STAT4
NCBI Official Synonym Symbols	SLEB11
NCBI Protein Information	signal transducer and activator of transcription 4
UniProt Protein Name	Signal transducer and activator of transcription 4
UniProt Gene Name	STAT4
UniProt Entry Name	STAT4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/stat4-antibody-clone-s02-1c1-immunohistochemistry-western-blot-elisa/314575>